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022434 7590 08/18/2004

**BEYER WEAVER & THOMAS LLP**  
**P.O. BOX 778**  
**BERKELEY, CA 94704-0778**

11/04/2004 HHEKONE1 00000081 09688021

01 FC:1501  
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## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Sue Funchess	(Depositor's name)
<i>Sue Funchess</i>	(Signature)
November 1, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/688,021	10/13/2000	Rao Annapragada	LAM1P154	7485

TITLE OF INVENTION: PROCESS FOR ETCHING VIAS IN ORGANOSILICATE GLASS MATERIALS WITHOUT CAUSING RIE LAG

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	11/18/2004

EXAMINER	ART UNIT	CLASS-SUBC LASS
ANDERSON, MATTHEW A	1765	438-723000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Beyer Weaver &amp; Thomas LLP

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Lam Research Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

4650 Cushing Parkway, Fremont, CA 94538

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies Ten (10)

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- ☒ A check in the amount of the fee(s) is enclosed.
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

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(Authorized Signature) Michael Lee (Date) November 1, 2004

Michael Lee, Reg. #31,846

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